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1 [Orchestrating document-based workflows with X-Folders](#)

 Davide Rossi

March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing

Publisher: ACM

Full text available:  pdf(198.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

This paper introduces X-Folders: a software environment for multi-party document-based processes that aims at supporting the implementation of workflow processes involving multiple users that interact by means of documents stored in special, reactive, ...

Keywords: CSCW, coordination, orchestration, peer-to-peer, workflows



2 [Proxy-server architectures for OLAP](#)

 Panos Kalnis, Dimitris Papadias

May 2001 SIGMOD '01: Proceedings of the 2001 ACM SIGMOD international conference on Management of data

Publisher: ACM

Full text available:  pdf(215.70 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Data warehouses have been successfully employed for assisting decision making by offering a global view of the enterprise data and providing mechanisms for On-Line Analytical processing. Traditionally, data warehouses are utilized within the limits of ...

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3 [Proxy-server architectures for OLAP](#)

 Panos Kalnis, Dimitris Papadias

June 2001 ACM SIGMOD Record, Volume 30 Issue 2

Publisher: ACM

Full text available:  pdf(215.70 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Data warehouses have been successfully employed for assisting decision making by offering a global view of the enterprise data and providing mechanisms for On-Line Analytical processing. Traditionally, data warehouses are utilized within the limits of ...



4 [Information agents cooperating with heterogenous data sources for](#)

 **customer-order management**

Dionisis Kehagias, Andreas L. Symeonidis, Kyriakos C. Chatzidimitriou, Pericles A. Mitkas

March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing

Publisher: ACM

Full text available:  [pdf\(251.78 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

As multi-agent systems and information agents obtain an increasing acceptance by application developers, existing legacy Enterprise Resource Planning (ERP) systems still provide the main source of data used in customer, supplier and inventory resource ...

Keywords: customer-order management, enterprise resource planning, information agents

5 **ViSWeb—the Visual Semantic Web: unifying human and machine knowledge representations with Object-Process Methodology**

Dov Dori

May 2004 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 13 Issue 2

Publisher: Springer-Verlag New York, Inc.

Full text available:  [pdf\(1.22 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

The Visual Semantic Web (ViSWeb) is a new paradigm for enhancing the current Semantic Web technology. Based on Object-Process Methodology (OPM), which enables modeling of systems in a single graphic and textual model, ViSWeb provides for representation ...

Keywords: Conceptual graphs, Knowledge representation, Object-Process Methodology, Semantic Web, Visual Semantic Web

6 **Design and implementation of component-based adaptive Web presentations**

Zoltán Fiala, Michael Hinz, Geert-Jan Houben, Flavius Frasincar

March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing

Publisher: ACM

Full text available:  [pdf\(260.96 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Engineering adaptive Web applications implies the development of content that can be automatically adjusted to varying client devices and user preferences. To meet this requirement, the AMACONT project recently introduced a component-based XML document ...

Keywords: adaptive hypermedia, component-based Web engineering, design methods

7 **Resolving the unencoded character problem for chinese digital libraries**

Derming Juang, Jenq-Haur Wang, Chen-Yu Lai, Ching-Chun Hsieh, Lee-Feng Chien, Jan-Ming Ho

June 2005 JCDL '05: Proceedings of the 5th ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available:  [pdf\(1.92 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Constructing a Chinese digital library, especially for a historical article

archiving, is often bothered by the small character sets supported by the current computer systems. This paper is aimed at resolving the unencoded character problem with a practical ...

Keywords: character encoding, digital library, glyph expression, unencoded chinese characters

8 A method to define an Enterprise Architecture using the Zachman Framework

Carla Marques Pereira, Pedro Sousa
March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM

Full text available:  [pdf\(374.42 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

The proliferation of IT and its consequent dispersion is an enterprise reality, however, most organizations do not have adequate tools and/or methodologies that enable the management and coordination of their Information Systems. The Zachman Framework ...

Keywords: Application Architecture, Business Architecture, Enterprise Architecture, Information Architecture, Zachman Framework

9 Towards multisensor data fusion for DoS detection

Christos Siaterlis, Basil Maglaris
March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM

Full text available:  [pdf\(276.26 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

In our present work we introduce the use of data fusion in the field of DoS anomaly detection. We present Dempster-Shafer's Theory of Evidence (D-S) as the mathematical foundation for the development of a novel DoS detection engine. Based on a data fusion ...

Keywords: Denial of Service, anomaly detection, data fusion

10 Wireless spatio-semantic transactions on multimedia datasets

James D. Carswell, Keith Gardiner, Marco Neumann
March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM

Full text available:  [pdf\(192.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Advances in spatially enabled semantic computing can provide situation aware assistance for mobile users. This intelligent and context-aware technology presents the right information at the right time, place and situation by exploiting semantically referenced ...

Keywords: location based services, semantic queries, spatial data transactions

11 Crawling a country: better strategies than breadth-first for web page ordering

Ricardo Baeza-Yates, Carlos Castillo, Mauricio Marin, Andrea Rodriguez

May 2005 WWW '05: Special interest tracks and posters of the 14th international conference on World Wide Web

Publisher: ACM

Full text available:  pdf(275.52 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This article compares several page ordering strategies for Web crawling under several metrics. The objective of these strategies is to download the most "important" pages "early" during the crawl. As the coverage of modern search engines is small compared ...

Keywords: scheduling policy, web crawler, web page importance

12 [Interactions: Volume 15 Issue 2](#)

 March 2008 issue Volume 15 Issue 2

Publisher: ACM

Full text available:  pdf(8.29 MB)  digital edition(00 bytes)

Additional Information: [full citation](#)

13 [Five years of product line engineering in a small company](#)

 Martin Verlage, Thomas Kiesgen

May 2005 ICSE '05: Proceedings of the 27th international conference on Software engineering

Publisher: ACM

Additional Information: [full citation](#),

Full text available:  pdf(328.48 KB)  Publisher Site

[abstract](#), [references](#), [cited by](#), [index terms](#)

In 1999, a new team at MARKET MAKER Software AG began to develop a software product line for managing and displaying stock market data and financial market news. The basic idea was to use web technology in all applications for delivering services to ...

Keywords: SME, experience report, product line engineering, project management

14 [Tacit user and developer frames in user-led collection development: the](#)

 case of the digital water education library

Michael Khoo

June 2005 JCDL '05: Proceedings of the 5th ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available:  pdf(828.73 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper discusses the impact that developers' and users' tacit understandings can have on digital library development. It draws on three years of ethnographic research with the Digital Water Education Library (DWEL) that focused on the observation, ...

Keywords: DLESE, DWEL, ethnography, organizational knowledge, participatory design practical knowledge, tacit knowing, tacit knowledge, technological frames

15 [Proceedings of the 5th ACM/IEEE-CS joint conference on Digital libraries](#)

 Mary Marlino, Tamara Sumner, Frank Shipman

June 2005 proceeding

Publisher: ACM

Additional Information: [full citation, abstract](#)

Welcome to JCDL 2005. The ACM/IEEE Joint Conference on Digital Libraries (JCDL) is a major international forum that focuses on digital libraries and associated educational, technical and social issues. The theme of JCDL 2005 highlights the powerful ...

16 A High Throughput String Matching Architecture for Intrusion Detection

◆ and Prevention

Lin Tan, Timothy Sherwood

May 2005 ACM SIGARCH Computer Architecture News, Volume 33 Issue 2

Publisher: ACM

Full text available:  [pdf\(205.60 KB\)](#)

Additional Information: [full citation, abstract, references, cited by, index terms](#)

Network Intrusion Detection and Prevention Systems have emerged as one of the most effective ways of providing security to those connected to the network, and at the heart of almost every modern intrusion detection system is a string matching algorithm. ...

17 Searching vs. Finding

◆ William A Woods

April 2004 Queue, Volume 2 Issue 2

Publisher: ACM

Full text available:  [pdf\(622.26 KB\)](#)  [html\(34.00 KB\)](#)

Additional Information: [full citation, references, index terms](#)

18 FingerPrint: supporting social awareness in a translucent sensor-

◆ mediated cue-based environment

Cristian Bogdan, Kerstin Severinson Eklundh

April 2004 CHI '04: CHI '04 extended abstracts on Human factors in computing systems

Publisher: ACM

Full text available:  [pdf\(207.04 KB\)](#)

Additional Information: [full citation, abstract, references, cited by, index terms](#)

We report on a pilot study that is part of an ongoing project which investigates social awareness support for project groups made of students who may choose to work at the university, at home or at part-time job offices. The study involved the design ...

Keywords: aesthetics, awareness, cue, glance, outlet, sensor, technomethodology

19 Using PARLAY APIs over a SIP system in a distributed service platform for carrier grade multimedia services

Rudolf Pailer, Johannes Stadler, Igor Miladinovic

July 2003 Wireless Networks, Volume 9 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(1.19 MB\)](#)

Additional Information: [full citation, abstract, references, cited by, index terms](#)

The implementation of new mobile communication technologies developed in

the third generation partnership project (3GPP) will allow to access the Internet not only from a PC but also via mobile phones, palmtops and other devices. New applications will ...

Keywords: SIP-Parlay mapping, caller preferences, carrier grade services, network-independent services, service platform

20 A hardware/software kernel for system on chip designs

Andrew Morton, Wayne M. Loucks
March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM

Full text available:  [pdf\(997.76 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

As part of the SoC design process, the application is partitioned between implementation in hardware and implementation in software. While it is customarily the application that is subject to partitioning, it is also possible to partition the software ...

Keywords: SoC, hardware/software codesign, operating systems

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